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PTO/SB/21 (05-03)

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## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

		Application Number	10/680,670
		Filing Date	October 6, 2003
		First Named Inventor	TAKASHIMA, AKIRA
		Group Art Unit	1647
		Examiner Name	
Total Number of Pages in This Submission	7	Attorney Docket Number	SWMC-001DIV

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	1. Copies of PTO-892, PTO-SB-08A, and 1449 from the parent Postcard
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s)	2. Postcard
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Signing Attorney/Agent (Reg. No.)	JAMES S. KEDDIE, PH.D., 48,920, BOZICEVIC, FIELD & FRANCIS LLP
Signature	
Date	March 12, 2004

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION  
DISCLOSURE STATEMENT**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket	SWMC-001DIV
First Named Inventor	TAKASHIMA, AKIRA
Application Number	10/680,670
Confirmation No.	5480
Filing Date	October 6, 2003
Group Art Unit	1647
Examiner Name	
Title:	"MODULATORS OF POLYSACCHARIDES AND USES THEREOF"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Copies from the parent of forms 1449, PTO-892, and PTO-SB/08A listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

**All of the references identified herein were disclosed in parent application serial number 09/532,709 filed 3/22/2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).**

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. § 102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. SWMC-001DIV may be charged thereon.

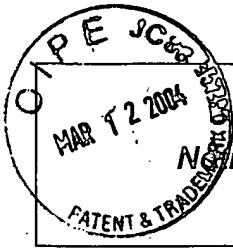
Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

By: \_\_\_\_\_

James S. Keddie, Ph.D.  
Registration No. 48,920

Date: March 12, 2004

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Facsimile: (650) 327-3231



## Notice of References Cited

Application/Control No.

09/532,709

Applicant(s)/Patent Under

Reexamination

TAKASHIMA ET AL.

Examiner

T. D. Wessendorf

Art Unit

1639

Page 1 of 1

### U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-			
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
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M	US-			

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### FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N	WO 02/28415A1	04-2002	World	Turley et al	---
O					
P					
Q					
R					
S					
T					

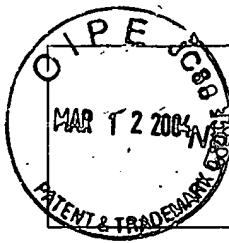
### NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)		
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Notice of References Cited

Application/Control No.  
09/532,709

Applicant(s)/Patent Under  
Reexamination  
TAKASHIMA ET AL.

Examiner  
Tahira H Bhatti

Art Unit  
1627  
Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
1	A	US-5,981,478	08-1994	Erkki Ruoslahti	514/10, 514/11, 514/
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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FOREIGN PATENT DOCUMENTS

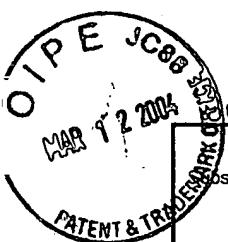
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
2	U	Henri Becquerel, Role of hyaluronic acid in the arterial response to angioplasty, 1998, J. Path. Biol. 46: 561-570
3	V	
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/532,709
				Filing Date	March 22, 2000
				First Named Inventor	TAKASHIMA, AKIRA
				Group Art Unit	1627
				Examiner Name	WESSENDORF, TERESA D.
Sheet	1	of	1	Attorney Docket Number	SWMC-001

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
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<b>FOREIGN PATENT DOCUMENTS</b>					
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	
X		WO	93/21312	A1	Turley, E.A. 10-28-1993
X		EP	0950708	A2	Turley, E.A. 10-20-1999

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
X		VAN KUPPELT <i>et al.</i> (1998), <i>J. Biol. Chem.</i> , 273(21):12960-12966			
X		LIANG <i>et al.</i> , (1997), <i>FEBS.</i> , 407:169-172			
X		KUBENS <i>et al.</i> , (1997), <i>Cancer Lett.</i> , 118:189-200			

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION</b> <b>Form PTO-1449 (Modified)</b> <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. SWMC001	SERIAL NO. 09/532,709 Confirmation No: 8881
		APPLICANT Takashima et al.	
		FILING DATE March 22, 2000	GROUP 1643

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes
							No

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Barbas et al. (1992) "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem." Proc. Natl. Acad. Sci. USA, Vol. 89:4457-4461
AB	Garrard et al. (1993) "Selection of an anti-IGF-1 Fab from a Fab phage library created by mutagenesis of multiple CDR loops." Gene, Vol. 128:103-109

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## INFORMATION DISCLOSURE CITATION

Form PTO-1449 (Modified)

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ATTY. DOCKET NO. SWMC-001	SERIAL NO. 09/532,709
APPLICANT	Takashima et al.
FILING DATE March 22, 2000	GROUP 1643

## U.S. PATENT DOCUMENTS

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date	If Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*	AA	Dougherty et al. (March 25, 1994), "Ligand Binding Specificity of Alternatively Spliced CD44 Isoforms-Recognition and Binding of Hyaluronan by CD44R1." <i>The Journal of Biological Chemistry</i> , Vol. 269(12):9074-9078.
*	AB	Levesque et al. (1996), "In Vitro Culture of Human Peripheral Blood Monocytes Induces Hyaluronan Binding and Up-Regulates Monocyte Variant CD44 Isoform Expression." <i>The Journal of Immunology</i> , Vol. 156:1557-1565.
*	AC	Steinman, Ralph (1991), "The Dendritic Cell System and its Role in Immunogenicity." <i>Ann. Rev. Immunol.</i> , Vol. 9:271-296.
*	AD	Turley et al. (March 1991), "Hyaluronan and a Cell-associated Hyaluronan Binding Protein Regulate the Locomotion of Ras-transformed Cells." <i>The Journal of Cell Biology</i> , Vol. 112(5):1041-1047.

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Date

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Atty. Docket No.	Serial Number	Description	Atty.	Fee
KINE-001CON3	10/733,015	Express Abandonment	PJS	
SWMC-001DIV	10/680,670	Transmittal, IDS, Copies of 1449's and PTO-892's from Parent	JSK	
STAN-186CON	10/655,557	Transmittal, Fee Transmittal <i>in duplicate</i> , Copy of Notice to File Missing Parts, Preliminary Amendment, IDS, SB08A, Copies of 1449's and PTO-892's from Parent, Copies of (3) Cited References	FPB	\$574
LIFE-036	10/263,610	Transmittal, Amendment	FPB	
AERX-067CON	10/095,898	PTOL-85B <i>in duplicate</i>	PAB	\$1,630
UCAL-305CON4	10/648,619	Transmittal, Preliminary Amendment	PAB	
XLXS-001	10/638,225	Transmittal, Fee Transmittal <i>in duplicate</i> (Petition for a 2 Month Extension of Time), Marked-Up OFR, Request for Corrected Filing Receipt, Copy of Notice3 to File Missing Parts, Executed Declaration <i>in counterparts</i>	PAB	\$550
IRVN-007CON	09/712,813	Transmittal, Fee Transmittal <i>in duplicate</i> , Amendment After Final Rejection	CLF	\$160